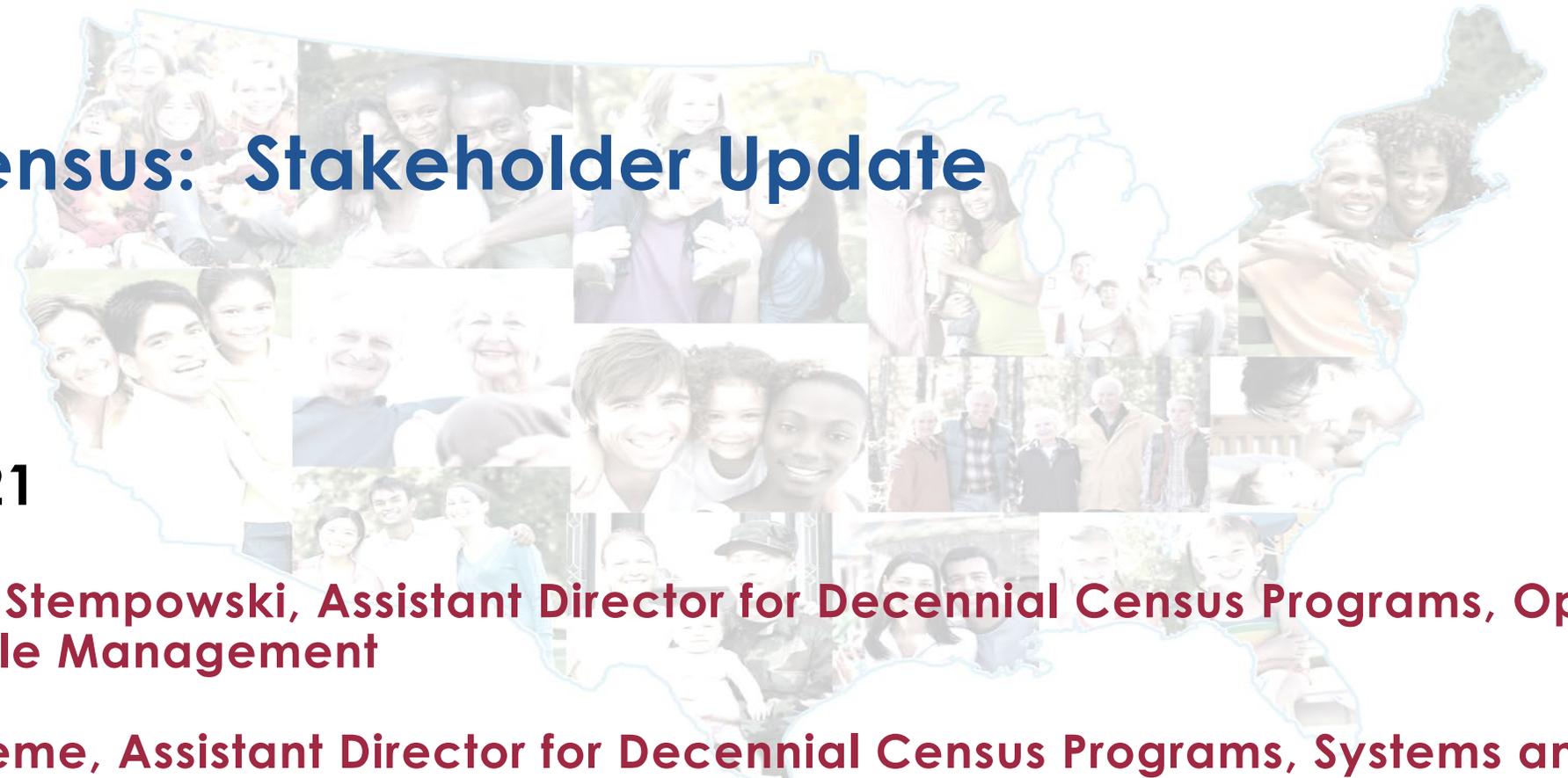


2020 Census: Stakeholder Update



July 6, 2021

Deborah M. Stempowski, Assistant Director for Decennial Census Programs, Operations and Schedule Management

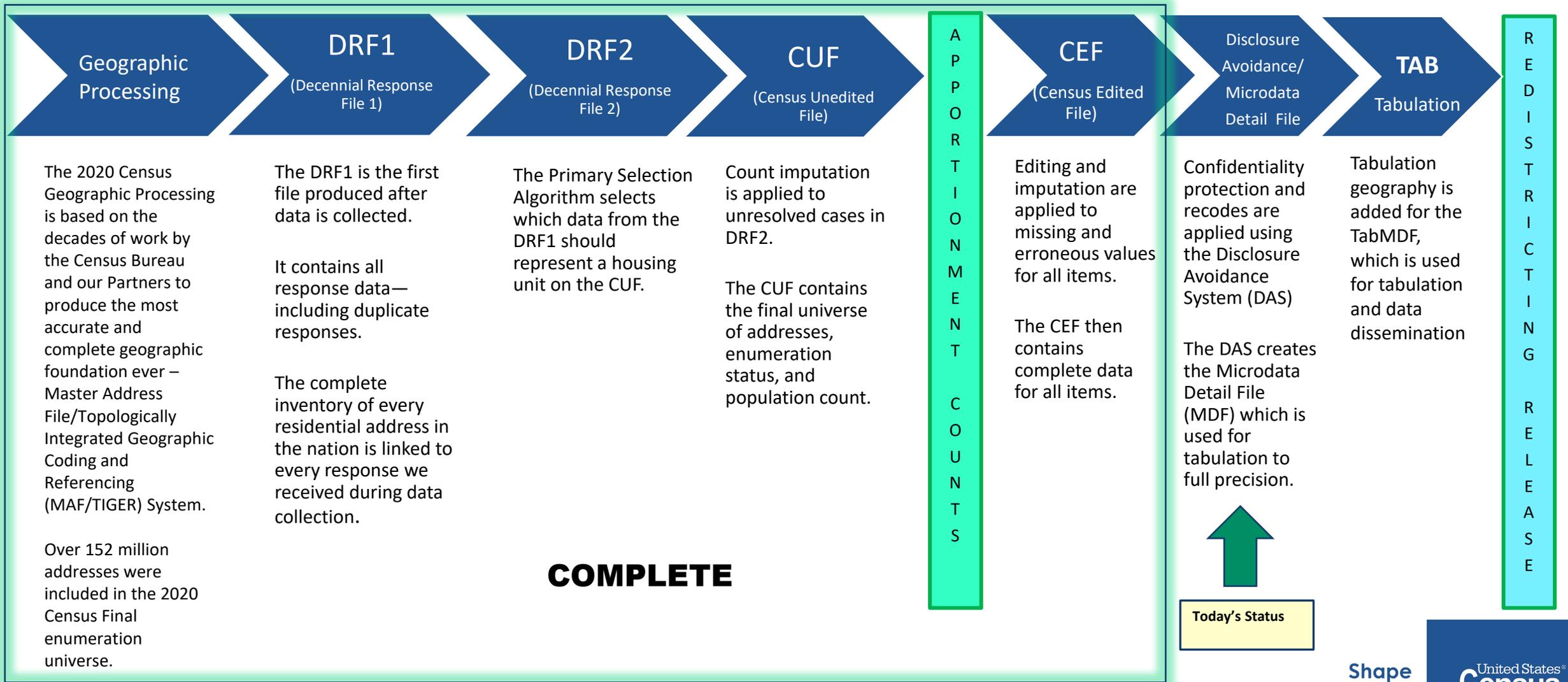
Michael Thieme, Assistant Director for Decennial Census Programs, Systems and Contracts

**Michael Hawes, Senior Advisor for Data Access and Privacy
Research and Methodology Directorate**

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2020 Census Post Data Collection Processing Flow



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Apportionment and Redistricting – Key Milestones

Processing Step	Start	Finish
Decennial Response File 1 (DRF1)	10/29/2020	12/26/2020
Decennial Response File 2 (DRF2)	12/26/2020	2/24/2021
Census Unedited File (CUF)	2/25/2021	3/10/2021
Apportionment Preparation and Release	3/12/2021	4/30/2021
Census Edited File (CEF)	4/20/2021	6/23/2021
Disclosure Avoidance Application/Microdata Detail File	6/24/2021	7/18/2021
Tabulation File Processing	7/19/2021	8/16/2021
Redistricting Preparation and Release	8/17/2021	9/30/2021

2020 Census

Data Quality External Expert Engagement Efforts

Asking outside experts to review our work is standard operating procedure at the U.S. Census Bureau. It underscores our commitment to quality and transparency.

- Engaging with the National Academy of Sciences (NAS) Committee on National Statistics, American Statistical Association Quality Indicators Task Force, and JASON. These three groups will tackle different aspects of assessing the Census Bureau's work. Their reports will advise the Census Bureau on improving future censuses and will help the public understand the quality of the 2020 Census data.
 - **Quick turnaround feedback** on our processes, procedures and metrics from JASON. We shared their final report publicly back in February.
 - **A real-time assessment** by a team of experts from the American Statistical Association on quality indicators. The ASA shares regular updates on its website to keep stakeholders up to date [Updates on the 2020 Census Quality Indicators \(amstat.org\)](#)
 - For a **longer term assessment**, we are in the process of establishing a consensus panel with the Committee on National Statistics that will conduct an evaluation of the quality of the data from the 2020 Census. We held our kick-off meeting on May 3 and it is anticipated that the study will take 18-24 months.

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Upcoming 2020 Census Tools, Assessments and Evaluations

Milestones for Release of Data Quality Assessment Metrics:

- Release of Demographic Analysis Results: Released December 15, 2020
- Release of 2020 Census Operational Quality Metrics to accompany Resident Population Counts: April 26, 2021, and May 28, 2021
- Release of 2020 Census Operational Quality Metrics to accompany Redistricting Data Products: August/September 2021
- Release of Initial 2020 Post Enumeration Survey Results: Early 2022

Assessments are designed to document final volumes, rates, and costs for individual operations or processes using data from production files and activities and information collected from debriefings and lessons learned. 54 Operational Assessments on the 2020 Census will be published, beginning in Fall 2021.

Evaluations are designed to analyze, interpret, and synthesize the effectiveness and efficiencies of census components and their impact on data quality and coverage. A total of 14 Evaluations on the 2020 Census will be published, beginning in Fall 2021.

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Accessing the 2020 Census Data Quality Page



1. Go to www.census.gov

Select **SURVEYS/PROGRAMS**
(at the top of the page) and
2020 Census



2020 Census Data Quality

2. Then select [2020 Census Data Quality](#)

On this webpage you'll find:

- Operational Quality Metrics
- An interactive Operational Quality Metrics tool
- Comparisons to population benchmarks
- Outside expert reviews
- Operational assessments and evaluations
- Technical documentation, FAQs, and more!

2020 Census Setting Privacy Loss Budget

FOR IMMEDIATE RELEASE: WEDNESDAY, JUNE 09, 2021

Census Bureau Sets Key Parameters to Protect Privacy in 2020 Census Results

JUNE 09, 2021

RELEASE NUMBER CB21-CN.42

SUBSCRIBE



JUNE 9, 2021 —The U.S. Census Bureau's [Data Stewardship Executive Policy Committee](#) (DSEP) announced it has selected the settings and parameters for the Disclosure Avoidance System (DAS) for the 2020 Census redistricting data (PL-94-171). The DAS uses a mathematical algorithm to ensure that the privacy of

2020 Census

Stakeholder Feedback

We received a substantial amount of invaluable feedback on the April 2021 Demonstration Data.

Major themes included:

- **Accuracy for AIAN tribal areas and other “off-spine” geographies**
- **Accuracy for places, Minor Civil Divisions, and tract-level data**
- **Bias (geographic and characteristic)**
- **Race and Ethnicity statistics**
- **Occupancy rates**

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Key Parameters and Improvements

- **Privacy-loss Budget (PLB) of $\epsilon=19.61$**
 - $\epsilon=17.14$ for persons
 - $\epsilon=2.47$ for units
- **Improvements to the optimized geographic post-processing hierarchy**
- **Extra PLB allocated to Population counts**
- **Extra PLB allocated to Race and Ethnicity statistics**
- **Extra PLB allocated to occupancy rates at the block-group level and above**

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Upcoming Information and Events

- **Additional details of parameters, settings, and impacts on accuracy**
- **Production code release**
- **“Production Settings” 2010 demonstration data**

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Release of Redistricting Data

Release of redistricting data by August 16, 2021

- Release in legacy format to help states with redistricting deadlines
- Same exact data will be released in September in a more user-friendly format
- Race/ethnicity, Voting Age, Housing Unit and GQ information

Release of additional data quality metrics shortly after August 16

Questions?

[2020CENSUS.GOV](https://2020census.gov)

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